

THE TORONTO STOCK EXCHANGE

LISTING STATEMENT

HUGH-PAM PORCUPINE MINES LIMITED

(No Personal Liability)

Incorporated under the Ontario Companies Act (Part XI) by Letters Patent dated February 9th, 1935

1. Address of the Company's Head Office and of any other offices:

Room 1202, 50 King Street West, Toronto, Ontario
2. Officers of the Company:

OFFICE HELD	NAME	ADDRESS	OCCUPATION
President	Robert Alexander Cranston	31 Glebe Road East, Toronto, Ontario	Barrister
Vice-President	John Bradley Streit	38 Croydon Road, Toronto, Ontario	Stock Broker
Secretary-Treasurer	George Scott	53 Oriole Gardens, Toronto, Ontario	Chartered Accountant
Asst. Secretary-Treasurer	William Cameron	253 High Park Avenue, Toronto, Ontario	Secretary
3. Directors of the Company:

NAME	ADDRESS	OCCUPATION
Robert Alexander Cranston	31 Glebe Road East, Toronto, Ontario	Barrister
John Bradley Streit	38 Croydon Road, Toronto, Ontario	Stock Broker
George Scott	53 Oriole Gardens, Toronto, Ontario	Chartered Accountant
William Cameron	253 High Park Avenue, Toronto, Ontario	Secretary
Joseph Anthony Hackett	150 Farnham Avenue, Toronto, Ontario	Stock Broker
4. Amount of authorized capital: \$4,000,000.00.
5. Number of shares and par value: 4,000,000 shares of \$1.00 each.
6. Full details of all shares issued in payment for properties or for any other assets other than cash:

Date	No. of Shares	Consideration
1936.....	1,500,000	Parcels 3001, 3002, 3003, 3004, 8063, 8064, 8065, 8066 Whitney and Tisdale.
1936.....	28,000	Patented mining claims 12708, 12709, Whitney Township (aggregate consideration, \$30,000).
1936.....	100,000	Patented mining claims 1193, 13170, 13171, 14843, Whitney Township (aggregate consideration, 100,000 shares and \$26,000 cash).
1937.....	10,000	On account of purchase price of Parcel 3965 Whitney and Tisdale, purchase of this parcel not completed (paid on account thereof, 10,000 shares, \$8,955.39 cash).
1937.....	60,000	To reimburse shareholder for a like number of shares which were transferred by him for benefit of Company.
Total.....	1,698,000	
7. Number of shares sold for cash..... 1,992,056
8. Total number of shares issued..... 3,690,056
9. Number of shares now in treasury or otherwise unissued: 309,944.

This listing statement is a copy of the listing application made by the applicant company. The Exchange has received no consideration in connection with the issue of this listing statement other than the customary listing fee. The papers and exhibits submitted by the applicant company in support of the listing application are open for inspection at the general office of the Exchange.



10. Full details of all shares sold for cash.	Date	Number of Shares	Price per Share	Amount realized by Company
	1936 to date	6	\$1.00	\$ 6.00
		100,000	.048	4,800.00
		2,000	.06935	138.70
		36,553	.073886	2,700.00
		4,000	.077465	309.86
		* 841,657	.10	84,165.70
		135,611	.1125	15,256.23
		175,000	.11742	20,548.50
		36,500	.12	4,380.00
		314,999	.15	47,249.85
		70,260	.1875	13,173.75
		50,000	.20	10,000.00
		100,000	.25	25,000.00
		25,000	.35	8,750.00
		100,000	.26	26,000.00
		470	.375	176.25
	Total.....	1,992,056		\$262,654.84
	*Of these shares, 690,657 were issued to Broulan pursuant to agreement mentioned in No. 14.			
11. Particulars of any issued shares held in trust for the Company or donated for treasury purposes.	Nil.			
12. Date of last annual meeting.	June 28, 1950.			
13. Date of last report to shareholders.	April 30, 1950.			
14. Details of any treasury shares (or shares issued subject to payment or shares held for the benefit of the treasury) now under option or the subject of any underwriting or sales agreement. If none, this to be stated.	None, other than the Company entered into an agreement dated December 29th, 1947, with Broulan Porcupine Mines Limited and Porcupine Reef Gold Mines Limited providing inter alia for the exploration, development and mining of this Company's property from the shaft and underground workings of the Porcupine Reef Mine and the milling in the Broulan mill of gold ore mined thereon. Reimbursement, as defined in the agreement to be made by this Company allotting its treasury shares to Broulan first at 10c per share up to a total of 750,000 shares, and then at 20c per share for a further 250,000 shares, and thereafter out of net proceeds from production. As reimbursement, 690,657 shares at 10c per share have been issued to Broulan. If mining lands brought into profitable production before all of 1,000,000 shares issued to Broulan, then Broulan has right to purchase all or part of said 1,000,000 shares unissued at the applicable price within two years after mining lands brought into profitable production.			
15. Details of any shares pooled, deposited in escrow, non-transferable or held under any syndicate agreement or control.	Nil.			
16. Details of any registration with, or approval or authority for sale granted by, or any filing with a Securities Commission or corresponding Government body.	Company filed with Ontario Securities Commission the required material in order to be qualified as an issue to offer its shares in Ontario through the medium of registered brokers; date of permission January 6th, 1944.			
17. Has any application for registration with, or approval or authority for sale by, or any filing with a Securities Commission or corresponding Government body ever been refused, cancelled or revoked? If so, give particulars.	No.			



18. Particulars of any bonds, debentures, notes, mortgages, charges, liens or hypothecations outstanding.	None.
19. Names and addresses of all transfer agents.	Guaranty Trust Company of Canada, 70 Richmond Street West, Toronto, Ontario.
20. Particulars of any fee charged upon transfers other than customary government taxes.	Fee of 25c for each certificate issued by the Company's transfer agents.
21. Names and addresses of all registrars.	Guaranty Trust Company of Canada, 70 Richmond Street West, Toronto, Ontario.
22. Are any lawsuits pending against the Company or any of its properties, or are there any other circumstances which might affect the Company's position or title adversely? If so, explain fully.	None.
23. Enumerate fully, giving claim or property numbers, approximate acreage, townships and mining camp or oil field:  (a) Properties owned where titles vested in Company.  (b) Properties leased.  (c) Properties otherwise held.  Give particulars of title held by the Company in each instance, (e.g. patented, unpatented, Crown granted, held under mining license, perpetual lease, etc.)	Patented mining claims numbered 1193, 12708, 12709, 12743, 13090, 13095, 13096, 13097, 12804, 12805, 12914, 13086, 13170, 13171 and 14843 comprising approximately 600 acres in the Township of Whitney in the eastern section of the Porcupine gold area. The properties are registered in the name of the Company in the office of Land Titles at Cochrane, Ontario, as parcels 3001, 3002, 3003, 3004, 8063, 8064, 8065, 8066, 3790, 3906, 3016, 3966, 8067, 8068 in the register for Whitney and Tisdale.
24. Full particulars of any royalties or other charges payable upon production from each individual property.	If property brought into profitable production pursuant to agreement mentioned in No. 14, Broulan to receive 25%, Porcupine 20% and this Company 55% of the distributive amounts accruing to the parties as provided in the agreement.
25. Describe plant and equipment on property.	None.
26. Describe development accomplished and planned.	Development accomplished: surface trenching, surface diamond drilling, underground work from two vertical prospect shaft; and exploration from underground workings at Porcupine Reef.  Development planned: under direction of Broulan Porcupine Mines Limited but it is understood that underground development will be continued.

27. Date and author of mining engineer's or petroleum geologist's report filed with this application and available for inspection on request.	June 1st, 1950. Dr. O. L. Backman.
28. Full particulars of production to date.	None other than ore from development drifts for sampling purposes.
29. Have any dividends been paid? If so, give dates, per share rate, and amount paid in dollars on each distribution.	No.
30. Name and address of the solicitor or attorney whose certificate as to titles and to the fact that there are no encumbrances or tax arrears has been filed with the Exchange.	Lang, Michener, Day & Cranston, 50 King Street West, Toronto 1, Ontario.
31. Name and address of the solicitor or attorney whose certificate as to the legality of the incorporation and organization of the company, the validity of its shares and the fact that they are fully paid and non-assessable has been filed with the Exchange.	Lang, Michener, Day & Cranston, 50 King Street West, Toronto 1, Ontario.
32. Has the listing of any shares of the Company ever been refused or deferred on any stock exchange? If so, give particulars.	No.
33. Have any shares of the Company ever been listed on any other stock exchange? If so, give particulars.	No.

Dated at Toronto the 28th day of June, 1950.



HUGH-PAM PORCUPINE MINES LIMITED  
(No Personal Liability)

"R. A. CRANSTON," *President.*

"GEO. SCOTT," *Secretary.*

# STATEMENT SHOWING NUMBER OF SHAREHOLDERS as of June 28th, 1950

<i>Number</i>		<i>Shares</i>
165	Holders of 1 - 100 shares.....	11,604
309	" " 101 - 1000 " .....	171,919
47	" " 1001 - 2000 " .....	84,331
15	" " 2001 - 3000 " .....	43,900
9	" " 3001 - 4000 " .....	33,700
24	" " 4001 - 5000 " .....	115,900
47	" " 5001 - up " .....	3,228,702
616	Stockholders	Total shares..... 3,690,056



# FINANCIAL STATEMENT

BALANCE SHEET, 30th APRIL, 1950

## ASSETS

Cash in Banks.....	\$	1,897.07	
Accounts Receivable—Sale of Gravel.....		642.00	
			\$ 2,539.07
Shares in Mining Company (approximate market value 30th April, 1950, \$675.00)			1,665.00
Mining Properties.....			1,663,500.00
Expenditures Deferred to Future Operations, per statement attached.....			229,166.86
			<u>\$1,896,870.93</u>

## LIABILITIES

Accounts Payable and Accrued Charges.....	\$	1,265.68	
Capital:			
Authorized—4,000,000 shares of par value of \$1.00 each.			
Issued—3,349,399 shares, par value.....	\$3,349,399.00		
Owing under agreement but not yet issued—340,657 shares, par value.....		340,657.00	
			\$3,690,056.00
Less Discount on shares.....		1,794,450.75	
			<u>1,895,605.25</u>
			<u>\$1,896,870.93</u>

NOTE.—Of the unissued Capital Stock, 309,343 shares are subject to issue, 59,343 shares at 10c per share, and 250,000 shares at 20c per share, to Broulan Porcupine Mines Limited as reimbursement for expenditures or upon payment for same, under the terms of an existing Operating Agreement.

## STATEMENT OF EXPENDITURES DEFERRED TO FUTURE OPERATIONS, 30th APRIL, 1950

TOTALS, 31ST MARCH, 1948, per Balance Sheet:

Exploration, Development, etc.....	\$138,197.33	
Buildings and Equipment.....	708.48	
Organization Expense.....	6,490.78	
Capital Deficit.....	18,720.89	
		<u>\$164,117.48</u>

AMOUNTS ADDED DURING PERIOD 31ST MARCH, 1948, TO 30TH APRIL, 1950:

Property Development:			
Diamond Drilling.....	\$	9,062.00	
Drifting and Crosscutting.....		38,595.00	
Ore Pass.....		189.00	
Raising.....		4,440.00	
Overhead.....		13,038.73	
Outside Engineering.....		2,793.00	
Municipal and Acreage Taxes.....		1,559.53	
Allowance for depreciation of Reef plant.....		7,121.00	
Allowance for Use of Reef Shaft and Underground Workings.....		7,369.00	
Ore Haul.....		2,038.00	
Milling.....		16,517.00	
			<u>\$102,722.26</u>
Deduct: Bullion Recovered.....	\$34,392.95		
Less Marketing Expense.....		278.63	
			<u>34,114.32</u>
			\$ 68,607.94
Deduct: Proceeds from sale of gravel.....			6,992.30
			<u>\$ 61,615.64</u>
Head Office:			
Meetings, Reports, etc.....	\$	400.83	
Legal and Audit.....		925.00	
Corporation Taxes, Filing Fees, Postage, etc.....		150.11	
Office Rent and Secretarial.....		1,095.99	
Transfer Agents.....		641.81	
Directors' Fees.....		220.00	
			<u>3,433.74</u>
			<u>65,049.38</u>
TOTAL, 30TH APRIL, 1950, per Balance Sheet.....			<u>\$229,166.86</u>



## AUDITORS' REPORT

To the Shareholders,  
Hugh-Pam Porcupine Mines Limited (No Personal Liability).

We have examined the books and records of Hugh-Pam Porcupine Mines Limited (No Personal Liability) for the period from 1st April, 1948, to 30th April, 1950, and have fulfilled our requirements as auditors.

We have accepted the figures of 31st March, 1948, as certified by your former auditors. We have not examined the title documents relating to the mining properties as the Company's solicitors are endeavouring to have a lien discharged which was previously registered against the property and which they understand has been satisfied.

Subject to the above, we report that, in our opinion, the attached balance sheet and related statement as at 30th April, 1950, are properly drawn up so as to exhibit a true and correct view of the state of the Company's affairs at that date according to the best of our information and the explanations we have received and as shown by the books of the Company.

SIME, AYERS & CO.,

Toronto, Canada, 12th June, 1950.

*Chartered Accountants.*

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### EXCERPT FROM REPORT OF THE DIRECTORS DATED JUNE 6th, 1950

To the Shareholders,  
Hugh-Pam Porcupine Mines, Limited.

With the object of bringing your property into production, your Company entered into an agreement in writing dated December 29th, 1947, with Broulan Porcupine Mines Limited and Porcupine Reef Gold Mines Limited providing for the exploration, development and mining of the Hugh-Pam property from the shaft and underground workings of the Porcupine Reef Mine, and the milling in the Broulan mill of gold ore mined thereon. The agreement provides that the underground work will be done on a cost basis plus an allowance for depreciation of Porcupine Reef's plant and write-off of cost of Porcupine Reef's underground workings; that milling will be done by Broulan on a cost basis plus 50c per ton milled as allowance for mill depreciation; that the total costs will be paid for by Broulan and that Broulan will be reimbursed for the net amount of costs and expenses incurred less gold recovered from Hugh-Pam ore. Reimbursement is to be made by Hugh-Pam allotting its treasury shares to Broulan, first at 10c per share up to a total of 750,000 shares and then at 20c per share for a further 250,000 shares and thereafter out of net proceeds from production. At the commencement of the agreement, Broulan purchased twenty-five thousand treasury shares of Hugh-Pam at 10c per share. If the Hugh-Pam property is brought into profitable production as defined in the agreement, Broulan is to receive 25%, Porcupine Reef 20% and Hugh-Pam 55% of the distributive amounts accruing to the parties as provided in the agreement. These percentages are allocated to Porcupine Reef and Broulan in return for their making available the plant, underground workings, mill and other facilities which may be used as provided for under the terms of the agreement for the purpose of developing and bringing the Hugh-Pam property into production. The agreement contains a basis of accounting among the parties, termination and arbitration clauses and other clauses.

The operation of your property under the terms of this agreement will result in much lower unit operating costs than could be obtained if operated as a separate operation, as the Hugh-Pam, Porcupine Reef, Bonetal and Broulan mines are operated by one organization and with one mill.

Your Company entered into an agreement in writing dated January 5th, 1950, with Broulan Porcupine Mines Limited, Porcupine Reef Gold Mines Limited, and Banner Porcupine Mines Limited respecting the exploration, development and mining of the Banner property from the shaft and underground workings of the Porcupine Reef mine and the milling in the Broulan mill of gold ore mined thereon. The Agreement provides for the exploration, development and mining of the Banner property by Porcupine Reef extending the underground workings from and through the Hugh-Pam claims into the Banner property.

In view of the favourable results secured in development to date it is possible that your property may be ready for regular production early in 1951.

On behalf of the Board,

"R. A. CRANSTON,"

Toronto, Ontario, June 6th, 1950.

*President.*



# ENGINEER'S REPORT

## Geological Report

The property of Hugh-Pam Porcupine Mines Limited is located in the eastern section of the Porcupine Gold Area. The claims are half a mile north of Porcupine Lake in the northwest part of Whitney Township, Ontario. The property is half a mile north of Provincial Highway No. 67 and the Ontario Northland Railway, from which it is readily accessible by a good motor road.

## Claims

The Company owns fifteen patented claims forming a block one and three-quarter miles long east-west and one mile wide, comprising a total area of 600 acres. The following patented claims are included in the group: 1193, 12708, 12769, 12743, 13090, 13095, 13096, 13097, 12804, 12805, 12914, 13086, 13170, 13171, and 14843.

## General Geology

The claims are located in an area of Keewatin volcanic and Timiskaming sedimentary rocks. The contact between the volcanics and sedimentary rocks strikes northeasterly. The volcanic rocks, which include fragmental pillowed, amygdaloidal, and massive andesites, are to the northwest of the sedimentary contact. The volcanic flows strike northwest and dip steeply north. The tops of the volcanic flows face south. The structure in the volcanic rocks north of the sediments is therefore an overturned anticlinal fold which strikes northwest. South of the contact the sedimentary rocks, which include conglomerate, quartzite and interbedded greywacke and slate, strike northeasterly and dip steeply north. The tops of the sedimentary beds face south. The structure in the sedimentary rocks is therefore an overturned fold which strikes northeast. Cross faults locally displace volcanic and sedimentary rocks making a block faulted pattern. Ore bodies found in the East Porcupine Area to date are localized along the volcanic-sedimentary contact. At Pamour, Broulan, Hallnor, and Bonetal Mines the bulk of the ore mined to date has come from quartz-filled fracture zones in sedimentary rocks within 300 feet of the volcanic contact. At Porcupine Reef and Bonetal Mines ore occurs in quartz-filled fractures in volcanic rocks up to one-quarter of a mile north of the sedimentary contact. The Hugh-Pam claims are favourably located along the volcanic sedimentary contact which extends diagonally across the block of claims from the northeast to the southwest corner.

## Exploration Work

Prior to 1948, exploration in search for ore in Hugh-Pam claims consisted of surface trenches, surface diamond drilling, and underground work from two vertical prospect shafts. Since 1948, exploration in Hugh-Pam claims has been done from underground workings at Porcupine Reef Mine.

The earlier work was directed principally to explore the Mulholland and Hughes veins and the volcanic-sedimentary contact zone. The following is a summary of early exploration work:

1. Surface trenches and pits.
2. Surface diamond drilling in 79 holes with a total footage of 38,500 feet.
3. Mulholland Shaft—vertical, two-compartment, to a depth of 200 feet. Five hundred and fifty-five feet of lateral work at 90- and 200-foot levels.
4. Hughes Shaft—Vertical, two-compartment, to a depth of 200 feet. Winze at 70 degrees for 110 feet from 200-foot level; 808 feet of lateral work from 50-, 100-, 200- and 300-foot levels.

In 1948 Hugh-Pam entered into an agreement with Porcupine Reef Gold Mines Limited and Broulan Porcupine Mines Limited for exploring, developing and mining ore through Porcupine Reef workings and milling ore in Broulan mill. According to the terms of this agreement, if Hugh-Pam property is brought into profitable production, operating profits will be distributed 55% to Hugh-Pam, 25% to Broulan, and 20% to Porcupine Reef. Since August, 1948, exploration, consisting of drifting, slashing, crosscutting, raising and diamond drilling has been done on the 200-, 500-, 650-, 800- and 970-foot levels in Hugh-Pam property from Porcupine Reef workings. This work explored for extensions of Porcupine Reef ore zone and for possible parallel zones in Hugh-Pam claims. To the end of April, 1950, the following work has been completed from Reef workings:

Drifting.....	1,944 feet
Slashing.....	3,994 cubic feet
Crosscutting.....	46 feet
Raising.....	203 feet
Diamond drilling.....	7,512 feet

This work has been successful in finding ore shoots on the 200-, 500- and 650-foot levels.

## Gold-Bearing Zones

To date the following four zones of quartz veining with gold values have been found in the Hugh-Pam claims:

1. Mulholland zone.
2. Hughes zone.
3. Conglomerate zone.
4. Extension of Porcupine Reef zone.

## Mulholland Zone

The Mulholland zone occurs along a zone of fracturing in volcanic rocks north of the sedimentary contact. The zone has been traced by surface trenches, surface diamond drill holes, and by underground workings from the Mulholland shaft for a length of 3,000 feet. The zone strikes north 70 degrees east and dips 60-70 degrees south. Vein material in the zone consists of mineralized schist, quartz-carbonate lenses and stringers. Gold values ranging from traces to 1.61 ounces of gold per ton have been found across widths of vein material ranging from one to three feet in underground workings and in diamond drilling in the Mulholland zone. The results of exploration in the zone to date show very erratic distribution of gold values with no concentrations of sufficient dimensions to make ore bodies. The possibilities of finding ore shoots in the Mulholland zone are considered promising and a programme of exploratory diamond drilling from Porcupine Reef workings is now in progress.



Hughes Zone

The Hughes zone branches northeasterly from the Mulholland zone and has been explored for a distance of 700 feet by surface trenches, surface diamond drill holes, and by underground workings from the Hughes shaft and winze. The zone strikes north 45 degrees east and dips 70 degrees south. Vein material in the zone consists of quartz-carbonate in a fracture in carbonated andesite. In a trench a short distance west of the Hughes shaft visible gold occurs in quartz. The surface and underground work done in the Hughes zone failed to develop ore. It is planned to further explore the Hughes zone by diamond drilling from Porcupine Reef workings.

Conglomerate Zone

Diamond drill holes from surface in the northeast part of the Hugh-Pam property intersected quartz veining with gold values in altered, pyritized conglomerate. The diamond drilling was spaced at 100-foot intervals and explored the zone for a total distance of 1,100 feet to vertical depths ranging from 120 to 370 feet. Gold values of ore grade were intersected in the diamond drilling but estimates of specific tonnages and grade cannot be made with assurance due to complicated cross faulting and probable raking ore shoots. Plans are to further explore the conglomerate zone from Porcupine Reef workings.

Porcupine Reef Zone

The Porcupine Reef ore zone has been found to extend southwesterly from Reef into Hugh-Pam claims. Drifts have been advanced west from the Porcupine Reef boundary into Hugh-Pam property on the 200-, 500-, 650- and 800-foot levels. In these extended drifts the following ore shoots have been found in Hugh-Pam:

	Length	Width	Ozs. Au Ton
200-LEVEL: Face Chip Samples.....	163 ft. x	8.1 ft. x 1.29	0.37 cut to 1 oz.
Muck Samples.....	163 ft. x	360 cars x 0.99	0.56 cut to 1 oz.
500-LEVEL: Face Chip Samples.....	164 ft. x	8.0 ft. x 0.52	0.25 cut to 1 oz.
Muck Samples.....	164 ft. x	546 cars x 0.32	0.26 cut to 1 oz.
650-LEVEL: (1) Face Chip Samples.....	160 ft. x	8.8 ft. x 0.32	0.18 cut to 1 oz.
Muck Samples.....	160 ft. x	427 cars x 0.23	0.13 cut to 1 oz.
(2) Indicated by D.D. holes.....	125 ft. x	8 ft. x 0.20	
TOTAL:			
Ore Developed in Drifts	Length	Ave. Width	Ozs. Au Ton
Face Chip Samples.....	487 ft. x	8.2 ft x 0.68	0.26 cut to 1 oz.
Muck Samples.....	487 ft. x	1,433 cars x 0.51	0.32 cut to 1 oz.
Ore Indicated by D.D. Holes.....	125 ft. x	8 ft. x 0.20	

Ore from Hugh-Pam development drifts is currently being milled at Broulan mill on a sampling basis at cost plus fifty cents per ton for depreciation.

Recommendations

It is recommended that the following exploration should be done to further explore the gold-bearing zones in Hugh-Pam claims:

1. The Mulholland and Hughes zones should be explored further by diamond drilling from Porcupine Reef workings. If gold values of ore grade are found in this exploration the zones should be further explored and developed for mining by crosscuts and drifts from Porcupine Reef workings.
2. The conglomerate zone should be explored by a crosscut, drifts, and additional diamond drilling from the east drift on the 970-level.
3. The western extensions of the Porcupine Reef zone should be explored on the 350-, 500-, and 970-levels.

Summary

The Company owns fifteen patented claims which are favourably located along the volcanic-sedimentary contact in the East Porcupine Area. At Pamour, Hallnor, Broulan, Bonetal and Porcupine Reef, which are the producing mines of the area, ore occurs adjacent to the volcanic-sedimentary contact. At Hugh-Pam property four gold-bearing zones have been found and explored to date. In one of these zones the extension of the Porcupine Reef zone, a total of 612 feet of ore has been found. In the other three zones the possibilities of finding ore shoots are considered of sufficient promise to merit additional exploration.

“O. L. BACKMAN.”

Pamour, Ontario, June 1, 1950.

GEOLOGIST'S CERTIFICATE

I, O. L. Backman, of Pamour, in the Province of Ontario, hereby certify:

1. That I am a Consulting Mining Geologist and reside at Pamour, Ontario.
2. That I am a graduate of the University of Minnesota in 1932 with the degree of Ph.D. (Geology).
3. That I have been employed continuously as a Mining Geologist for the past 18 years.
4. That I have no interest in the mining claims referred to in the accompanying report.
5. That the accompanying report is based on personal study of the geology of the property and adjoining area.

“O. L. BACKMAN.”

Dated this 1st day of June, 1950.